

DAVENPORT MACHINE TOOL DIVISION

DOVER CORPORATION

P.O. BOX 228 • ROCHESTER, NEW YORK 14601

Manufacturers of

DAVENPORT FIVE-SPINDLE AUTOMATIC SCREW MACHINES

Revised Price List - Effective May 1, 1980

Superseding and cancelling all previous issues

Subject to change in accordance with provisions of National Machine Tool Builders' Code

All prices net cash and cover machines crated F.O.B. Rochester, N. Y.

	Code	Price
MODEL B, FIVE-SPINDLE, AUTOMATIC SCREW MACHINE —Equipped with threading attachment, forced feed lubrication to all the principal bearings, hinged and folding oil guards, silent wire carrier and arranged for motor drive.....	DFSAS	\$22,400.00
Regular equipment consists of 9 standard cams, 1 feed change gear, 2 spindle change gears, 2 threading change gears, 1 set of five (5) chucks and feed fingers. (Size to be specified by the buyer). Set of wrenches and screw drivers. Chuck wrench is extra.		
Regular capacity of feed tubes—9/16" round, 1/2" hexagon and 3/8" square. Special feed tubes with fingers soldered in can be furnished for stock up to 5/8" round, 9/16" hexagon and 7/16" square. Longest length of stock fed—3"; longest length turned—2½"; feed changes from 0.8 second to 18.4 seconds can be supplied.		
MODEL B, FIVE-SPINDLE, AUTOMATIC SCREW MACHINE —Plain. Same capacity as DFSAS. Equipment consists of 9 standard cams, 1 feed change gear, 2 spindle change gears, one set of five (5) chucks and feed fingers, set of wrenches and screw drivers. Does not include Threading Attachment	PDFAV	19,900.00
MODEL B, FIVE-SPINDLE, AUTOMATIC SCREW MACHINE —Oversize. Equipped with threading attachment with oversize spindles and feed tubes to take stock up to 13/16" round, 11/16" hexagon and 9/16" square. Special one-piece feed tube and feed finger can be furnished to take stock up to 7/8" round, 3/4" hexagon and 19/32" square.....	OVASC	22,800.00
MODEL B, FIVE-SPINDLE, AUTOMATIC SCREW MACHINE —Oversize—plain. Same capacity as OVASC. Equipment consists of 9 standard cams, 1 feed change gear, 2 spindle change gear, one set of five (5) chucks and feed fingers, but does not include the Threading Attachment.....	PLOVA	20,300.00
THREADING ATTACHMENT WITH CLUTCH UNIT —When shipped separately from the machine		2,900.00
MB-226-SA		
THREADING CLUTCH UNIT		975.00
EXTENDED BED providing 2" more length in tooling area with 4½" feed included.....		1,500.00
Note: Prices may vary on attachments listed in the Price List when required for use on an extended bed machine.		
MOTOR DRIVE —Prices on motor and controls will be given on request. In asking for this information, please specify electrical characteristics and type of motor and controls you desire. We recommend 7½ H.P., totally enclosed, fan cooled, ball bearing motors.....	MBMOT	
Attaching 220V or 440V, 60 cycle motor, magnetic switch and push button, with all wiring in conduits...	AEMOT	350.00
PAINTING MACHINE A COLOR other than Machine Tool Light Grey Enamel.....		175.00

CHUCKER CONVERSION

The Davenport Machine makes an excellent chucker or secondary operation type machine for light work. The loading equipment is supplied with safety shut off mechanism in case the work piece is not inserted properly into the collet. Special spindles can be furnished for collets with 1-5/8" capacity and still another very special spindle can be made for light chucking of work up to 2-3/8" dia. All standard attachments such as cross drilling, cross tapping, straddle milling, rotary slotting, broaching, etc., can be used on this type machine. Prices on application.

**ATTACHMENTS WHICH ARE STANDARD AND CAN BE FURNISHED
FOR ALL MODEL B MACHINES**

	Code	Price
1232-66-4-SA		
CENTER DRIVE ATTACHMENT — This attachment is used to drive the Rotary Slotting, Stationary Head Burring, Bent Shank Tapping, Rotary Support Spindles, Broaching Spindles, Keyway Milling and any other attachment which might be driven from the center drive in the stationary head. This is also equipped with a gear to drive Revolving Drill Spindles which will save the necessity of removing the center drive from the machine to put this gear on. The price, therefore, includes this gear.....	CENDR	\$275.00
1263-5-10-SA		
STATIONARY HEAD BURRING ATTACHMENT —For 5th or normal cut off position. A spindle rotating at the same speed as the work spindle, in perfect synchronism, actuated by cams on the tool spindle cam shaft, which is independently adjustable for positioning the spindle and closing the chuck onto the work, thereby driving the work while it is being severed from the bar which permits feeding the cut off tool past center, eliminating the customary burr caused by the cut off tool. This is especially advantageous when it is desired to form a radius on the cut off end of a piece. This attachment, in conjunction with the Countersink Arm and Stop Attachment, is used for drilling, reaming or countersinking on the cut off end and has the decided advantage of rotating the work instead of the tool, thereby producing a concentric part. This attachment is used with the Center Drive Attachment, which must be ordered with the Stationary Head Burring Attachment.....	STBUR	1,400.00
1263-119-1-SA		
5TH POSITION COUNTERSINK ARM AND STOP ATTACHMENT —This is for drilling the cut off end of a piece and is used in conjunction with the Stationary Head Burring Attachment. This is not a part of the Burring Attachment..... (Actuating cams are special. Prices on application. Please furnish blueprint of part to be machined.)	LECAT	450.00
1263-119-23-SA		
5TH POSITION SELF CENTERING COUNTERSINK ATTACHMENT —This attachment is rigidly mounted on the front of the spindle box, thus permitting heavier counterbore or countersink feeds with no deflection. It is also possible to knurl or burnish on special application.....	SCATT	800.00
1263-119-23-SA Front End Only (Conversion Parts for) 1263-119-1-SA		425.00
1263-122-SA		
3RD POSITION STATIONARY HEAD BURRING ATTACHMENT —This attachment is used in exactly the same manner as the burring attachment for the 5th position, except that it is mounted in the 3rd position on the machine. It is used when making two parts per cycle and cutting one piece off in the 3rd position. A countersink arm and stop attachment can also be provided for drilling the left hand end. The burring attachment only is.....	TABUR	1,925.00
1263-127-SA		
3RD POSITION COUNTERSINK ARM AND STOP ATTACHMENT (Actuating cams are special. Prices on application. Please furnish blueprint of part to be machined.)	TECAT	1,050.00
1263-143-SA		
3RD POSITION SELF CENTERING COUNTERSINK ATTACHMENT —This attachment is rigidly mounted on the front of the spindle box, thus permitting heavier counterbore or countersink feeds with no deflection. It is also possible to knurl or burnish on special application.....	TPSCA	1,250.00
1263-144-SA		
BURRING SPINDLE EJECTOR 6-1 RATIO —This permits ejecting a longer part with a minimum of cam travel.....	SHBAE	225.00
1263-146-SA		
SPECIAL EJECTING ATTACHMENT —This attachment is used with over-the-shoulder collets and supports the part in the hole and keeps it from flying out of the collet when the collet is opened for ejecting.	SHBIE	350.00
1263-146-11-SA		
SPECIAL EJECTING ATTACHMENT —Same as 1263-146-SA, except that part is supported on the outside diameter.	SHBOE	325.00
1263-141-SA		
SPECIAL EJECTING AND OILING ATTACHMENT —This is used in conjunction with the burring spindle and permits the flow of oil through the burring spindle to flush out chips through the part itself.	SHBOA	375.00
MB-635-30-SA		
BURRING SPINDLE CHUCKING MECHANISM —This permits a special burring collet to open up to 7/64" on a side larger than the diameter to be chucked. Special equipment can be made to open collets up to 3/16" on a side.....	BSCHM	525.00 On Request
5080-329-50-SA		
DOUBLE ACTION CHIP CONVEYOR —To carry chips from the machine, discharging them into a pan. This conveyor is actuated with 2 ratchets giving a double action.....	CHPCO	550.00

1263-130-SA

SPECIAL EJECTING TUBE ASSEMBLY—Parts are ejected through this tube out of the burring spindle into a hopper of your design.

SHBEA \$200.00

1263-102-50-SA

BENT SHANK TAPPING ATTACHMENT—This attachment is used in conjunction with the Stationary Head Burring Attachment. The attachment consists of a bent shank tapping wrench with 2" radius and tube. It can be used for either 3rd or 5th position. Specify which position when ordering. (Chuck and actuating cams are special. Prices on application. Please furnish print of part to be machined.)

MBSTA 425.00

1263-102-35-SA

SPECIAL BENT SHANK TAPPING ATTACHMENT—Same as above only with a 3½" radius on tap permitting longer parts to be tapped.

MBOTA 550.00

Note: Some parts require a larger wrench radius in order to be tapped in this manner.

Prices on application when accompanied by print of the part.

1263-102-43-SA

OILING SLEEVE FOR BENT SHANK TAPPING—Required for washing chips from collets.

70.00

1263-161-SA

STRAIGHT SHANK TAPPING ATTACHMENT—This attachment is used in conjunction with the Stationary Head Burring Attachment. The work piece is threaded over a straight shank, thus eliminating restrictions on part length. Prices on application. Please furnish print of part.

MBSST On Request

1263-132-SA

SPINDLE ALIGNING GEARS—When using a burring attachment for shaped stock where it is desirable to grip on the shaped stock, aligning gears can be supplied that will permit the accurate alignment of the work spindle collet with the burring spindle collet. This is desirable especially when making work where there are no turned diameters on which to grip

MBSAG 450.00

1263-139-SA

BURRING SPINDLE ALIGNING GEAR—Permits easier re-alignment of shaped stock burring collet with work spindle collets

BUSAG 80.00

2496-57-SA

SPINDLE STOPPING ATTACHMENT—A cone clutch mounted on the spindles and used in conjunction with other attachments such as Cross Drilling, Milling, Broaching, etc. Clutches are held in engagement by springs and disengaged by rotation of the spindle carrier. This attachment can also be used for spindle aligning; that is, as a spindle aligning attachment for such operations as burring, bent shank tapping and others, in place of the aligning gears

SILOP 1,900.00

2496-40-SA

SPINDLE STOPPING BRAKE—Used with spindle stopping for faster positive stopping—Adjustable brakes are furnished for both 3rd and 4th positions and are operated with a single cam.

SPSBR 775.00

MB-226-54-2-SA

THREADING SPINDLE—Spindle, complete with bearings and gear

THDSP 275.00

MB-226-54-2-SA

REVOLVING DRILL SPINDLE—Spindle, complete with bearings and gear

REVDR 275.00

1232-98-3-SA

ONE TO ONE IDLER GEAR—This unit is composed of idler gear, shaft and bushings. It is required in conjunction with the Center Drive Attachment to revolve drill spindles at the same speed as work spindles. This gives a combined drilling speed of twice the work spindles. It is mounted an equal distance between any two spindles. Where it is desired to drill with two adjacent spindles, only one unit is required

IGSAB 110.00

1232-98-5-1-SA

TWO TO ONE IDLER GEAR—Similar to 1232-98-3-SA except drill speed is 1.932 times work spindle speed. This gives a combined drilling speed of approximately 3 times work spindles. One to one drill speed may be obtained with this attachment by changing drill spindle gear

TTOIG 185.00

1232-98-70-SA

HALF TO ONE IDLER GEAR—Similar to 1232-98-3-SA except drill speed is .517 times work spindle speed. This gives a combined drilling speed of approximately 1½ times work spindles. One to one drill speed may be obtained with this attachment by changing drill spindle gear.

HTOIG 225.00

1452-SA

HI-SPEED DRILLING ATTACHMENT—An independently 1 H.P. motor driven spindle with precision bearings for 4th position with gearing for 1 speed—available speeds: 11,160 RPM, 15,400 RPM and 25,000 RPM—Drill Capacity 9/32 Dia.

HISPD 3,600.00

MB-226-54-2-SA

ROTARY SUPPORT SPINDLE—This is actually a threading or drill spindle with a special gear driven direct from the Center Drive and rotated with the work at the same speed. It is used for supporting work for such operations as forming, skiving, sizing, knurling and thread rolling. Generally an inverted cone is mounted at the end of the spindle and a spring tensioned turnbuckle forces the cone over the work, or a tapered plug into a hole, thereby actually driving the work from both ends

RESUP \$290.00

Note: For large or heavy work, an oversize spindle with extended bearing can be provided.

MB-226-54-2-SA

BROACHING SPINDLE—This is the same as a rotary support spindle, which rotates with the work at the same speed and because of additional thrust capacity is used for punching or shearing small cuts along the axis of the work, either internally or externally

DBRBS 275.00

1381-38-SA

REVINLOC ATTACHMENT FOR BROACHING—This attachment permits the indexing of a broaching spindle. It permits the broaching of socket set screws or similar operations. This clutching mechanism is mounted on roller bearings and has thrust bearings between the interlocking members to insure precise indexing. This attachment can not be used on any rotary slotting attachment

RELOB 850.00

1380-SA

REVINLOC ATTACHMENT FOR ROTARY SLOTTING—This attachment permits indexing the slotting attachment while rotating. It consists of a clutching mechanism which permits the complete interlocking and indexing of the rotary slotting spindle. It permits the milling of a square or hexagon or any number of flats that generally may be desired, thus eliminating the necessity for two or more milling attachments. It also saves tooling positions for other operations. Milling is generally the shortest operation and by use of this attachment such jobs as the castellated nut can be milled in one position, thereby permitting subsequent drilling, burring and tapping operations to complete the work on the machine. Specify One: 4 Teeth for Milling Square or 2 Slots

RELOC 525.00

6 Teeth for Milling Hexagon or 3 Slots 575.00

1232-101-75-SA

ROTARY SLOTTING ATTACHMENT—The attachment rotates at the same speed as the work spindle, milling or slotting the outer end of a piece before it is severed from the bar. The saw arbor is mounted on ball bearings and driven by gearing. One set of gears is furnished. Other speeds can be obtained with special gears. This is driven from the Center Drive Attachment described above. The price does not include the Center Drive, which must be ordered in addition to the Rotary Slotting Attachment. 2¼ O.D. x 5/8 Hole cutter size. Maximum length of part is 2-3/8". Maximum depth of cut is 5/8"

ROSAW 1,450.00

1232-132-50-SA

HEAVY DUTY ROTARY SLOTTING ATTACHMENT—Similar to 1232-101-75-SA except heavier in construction with a hole through the inner spindle to feed cutting oil through the attachment to the saw. These units cannot be mounted in adjacent positions. Cutter size 2¼ O.D. by 5/8 Hole cutter size. Maximum length of part is 2". Maximum depth of cut is 5/8"

HDSAW 1,550.00

1232-156-SA

HIGH SPEED ROTARY SLOTTING ATTACHMENT—Similar to 1232-101-75-SA except heavier in construction with a hole through the inner spindle to feed cutting oil through the attachment to the saw. Maximum RPM 3800, cutter size 1-¾ O.D. by 5/8 Hole. Maximum length of part is 2-9/16". Maximum depth of cut is 3/8"

LDSAW 1,900.00

1232-107-SA

OFF-SIDE MILLING ATTACHMENT—Mounted similar to a Rotary Slotting Attachment but used in conjunction with spindle stopping. The attachment is cut away on the top side to permit cross drilling or cross tapping operations at the same time

MOSMA 2,950.00

1232-140-SA HIGH SPEED KEYWAY MILLING ATTACHMENT**1232-141-SA LOW SPEED KEYWAY MILLING ATTACHMENT**

KEYWAY MILLING ATTACHMENT—Mounted similar to a Rotary Slotting Attachment but used in conjunction with Spindle Stopping. The work is stopped and the keyway can be milled anywhere in the part relative to its length. Woodruff keyways can be cut with this attachment, or contour milling anywhere along the axis of the work can be done by using a formed guide

MBKMA 2,400.00

1483-SA

3RD POSITION TOOL ARM MILLING ATTACHMENT—This is an independently motor driven milling attachment mounted on a swinging arm in the 3rd position, carrying a 3" diameter cutter. This swings in the conventional manner and takes a plunge cut, which will leave the radius of a 3" diameter cutter in the work. 1800 RPM motor provides speed range of 287 RPM to 1390 RPM. 3600 RPM motor provides speed range of 570 RPM to 2761 RPM

PATMA 3,500.00

1390-50-SA

4TH POSITION STRADDLE MILLING ATTACHMENT—This attachment is independently motor driven and is quite a universal attachment. It carries two saw arbors which are independently adjustable radially. The cutters can also be adjusted as a unit lengthwise for the complete range of the machine. Cutter speed is 1725 RPM

FPSMA 5,000.00

1390-117-SA

CHANGE GEAR ARRANGEMENT—FOR Straddle Mill Attachment. 21 Speed ranges from direct motor speed to $\frac{1}{3}$ of motor speed. Speed range is 1725 RPM to 575 RPM on 1800 RPM motor..... \$1,200.00

5080-281-SA

4TH POSITION CROSS SLIDE ATTACHMENT—A slide which is mounted in the 4th position whenever an extra forming or other cross slide operation is required FICLI 1,000.00

5080-272-SA WITH W-130-SA

4TH POSITION ADJUSTABLE CROSS SLIDE ATTACHMENT—A slide mounted in the 4th position the same as 5080-281-SA except that the tool holder portion is adjustable for ease in lining up tooling. This attachment is recommended for light cutting only..... FICSA 1,400.00

1374-SA

4TH POSITION CROSS DRILLING ATTACHMENT—An attachment to drill cross holes in a piece before it is cut off from the bar. It is used in the 4th position in conjunction with the Spindle Stopping Attachment and is driven by a $\frac{3}{4}$ H.P. motor, 3600 R.P.M. Special gears can be supplied to increase or decrease the speed. (Prices of special gearing on application.) Drill Speed from 2070 RPM to 5750 RPM CRDAT 2,300.00

1321-SA

3RD POSITION CROSS DRILLING ATTACHMENT—Same as 1374-SA, except that it is used in the 3rd position. Drill Speed from 1725 RPM to 5175 RPM CPCDA 2,475.00

With 2: 1 gear ratio 1212-7-SA..... 2,525.00

1615-SA

INSIDE CROSS DRILL OR COUNTERSINK ATTACHMENT—This attachment can be used in either the 3rd or 4th position in conjunction with the standard cross drill attachments. It is independently cam operated and powered by a special center drive. With this attachment it is now possible to cross drill two holes in one plane at the same time, or cross drill, co'sink and tap all in one position for work up to $\frac{1}{4}$ " in diameter. Also, you can countersink the side opposite as cross drilling begins using standard attachment reducing drilling and cycle time. Drill Speed is $\frac{4}{3}$ of Spindle RPM..... INCDC 4,000.00

1232-66-4-2-SA

CENTER DRIVE ATTACHMENT 275.00

Parts to Convert present attachment 85.00

Extended Bed 125.00

1440-SA

4TH POSITION CROSS DRILLING ATTACHMENT WITH INSIDE COUNTERSINKING—This attachment is similar to a standard 4th position Cross Drilling Attachment. However, it is fitted with a Countersinking Attachment that will countersink the hole on the side opposite. This countersinking attachment cannot be applied to a standard Cross Drill Attachment as it requires a special bracket. Drill Speed from 2070 RPM to 5750 RPM..... CDAIC 3,750.00

1439-SA

3RD POSITION CROSS DRILLING ATTACHMENT WITH INSIDE COUNTERSINKING—Same as 1440-SA only mounted in the 3rd position. Drill Speed from 1725 RPM to 5175 RPM..... TCDIC 3,900.00

With 2: 1 gear ratio 1212-7-SA 3,950.00

1428-SA/1429-SA

90° CROSS DRILLING ATTACHMENT—This is mounted on the revolving head cap and is independently motor driven. It will drill two holes, one at right angles to the other, one in the 3rd and one in the 4th position, both holes in the same plane. This is used in conjunction with the Spindle Stopping Attachment NDCDA 11,500.00

1430-10-SA

Cross Tapping Attachment used in conjunction with 1428-SA/1429-SA for tapping one hole only. On Request

1373-SA

4TH POSITION CROSS TAPPING ATTACHMENT—This is an independently motor driven cross tapping attachment which is used in conjunction with the Spindle Stopping and the 3rd Position Cross Drilling. The standard tapping unit will cross tap steel up to $\frac{1}{4}$ " dia. tap FPCTA 2,750.00

1395-SA

4TH POSITION CROSS TAPPING ATTACHMENT—Heavy Duty—Capacity $\frac{3}{8}$ " dia. for steel and $\frac{1}{2}$ " dia. for brass HDCRT 7,000.00

MBSF-SA

5TH POSITION SECOND FEED ATTACHMENT—This attachment is used where work is longer than can be fed with a standard machine or sometimes where work is of an unusual nature. It is independently motor driven and feeds the stock in the cut off or 5th position. It can be adjusted to feed up to 3" per stroke and as many successive strokes as may be required any time during the working portion of the cam FPSFA 6,500.00

MBSL-200-SA

SPINDLE LOCATING ATTACHMENT 180° MAXIMUM MOVEMENT—This attachment is used when it is necessary to mill or cross drill in relation to a shaped part such as a hexagon, square or any shaped part. (If a special spindle locating attachment is required, prices will be quoted on request.) ...

APSLA \$1,750.00

MB-2-SL-SA

360° SPINDLE LOCATING ATTACHMENT—This attachment is used when it is necessary to get a full 360° turn of the stock, permitting operations such as a cross drilling or milling operation in relation with shaped material. The spindle stopping attachment is required for use with the spindle locating attachment

ASPLF 2,900.00

1444-SA

FLAT GENERATING ATTACHMENT—4th Position, for equal double flats, squares, hexagons, etc., on non-ferrous materials, such as brass and aluminum especially behind shoulders without stopping work spindle.

Parts requiring a single flat can be made with a plunge cut using a 5" diameter milling cutter with the work spindle stopped. Change gears can be provided for changing cutter speed for all types material. Tool spindle can be used in conjunction for drilling, reaming, tapping or supporting

FFLGA 9,000.00

1421-SA

4TH POSITION THREAD ROLL ATTACHMENT —Complete with slide and operating mechanism. A double geared thread roll attachment with spring compensating device. A pair of swinging arms with thread rolls are mounted on a slide. The thread rolls are positioned at the center of the work by a stop on the slide. The rolls are applied to the work by means of a toggle, with equalizing pressure from both sides. As this pressure is applied the rolls support the piece within themselves thus eliminating the necessity for supporting the piece from the tool spindle. The tool spindle is then free to perform other operations such as drilling, reaming, tapping or broaching, etc. This attachment does not exert any undue thrust on the spindle bearings or cam lever rolls, pins and connections, as all of the thrust is taken by the piece itself. Furthermore, it is not necessary to provide adjustment for removing taper, since both rolls are presented with equal pressure from both sides. The spring compensating device permits the thread rolls to be changed and timed in the mounted holder without removing from the machine. All threads within the capacity of the machine can be rolled with this attachment up to 11/16" long. Also, this attachment is commonly used for burnishing or knurling by replacing thread rolls with special burnishing rolls or knurls.

FPTRA 2,200.00

1431-SA

3RD POSITION THREAD ROLL ATTACHMENT—Same principle as 1421-SA except it is mounted on a special tool arm with normal side adjustment

TPTRA 1,900.00

1448-SA

2ND POSITION THREAD ROLL ATTACHMENT—Complete with slide and operating mechanism. Same as 1421-SA except it is mounted in the second position

SPTRA 2,500.00

Note: Thread roll attachments may be converted from one position to another. Prices on application.

1383-100-SA

SAWING OFF ATTACHMENT—An independently motor driven unit which can be used to cutoff work using saws as thin as .020" in thickness. The saw is 6" in diameter and has the decided advantage of saving material when cutting off as well as cutting parts off without any cut off teat. In many instances also, it permits running shaped jobs with cross operations, eliminating the necessity for revolving the work spindle. It also eliminates the necessity of a necking tool since non-ferrous metals can be cut off to the maximum capacity of the machine in less than 1 second

BASAW 2,800.00

1244-100-SA & 1287-100-SA

TRANSFER AND SLOTTING ATTACHMENT—The pieces to be slotted are picked up by an arm and carried to a saw. The saw is driven by an 1800 R.P.M. motor. Provision is made to adjust the saw central and for depth. Change gears are furnished for two speeds

SLOAT 2,900.00

1244-100-SA Transfer Arm Attachment

TRAAT 1,300.00

1287-100-SA Slotting Attachment

SLOTA 1,600.00

1252-30-SA

BURRING OR SECOND END DRILLING ATTACHMENT—The pieces to be drilled or burred are picked up by an arm and carried to a vise which holds the piece while being drilled. A ¼ H.P. motor drives the drill spindle. Transfer arm attachment required extra

BURAT 2,900.00

1287-276-SA

SPECIAL TRANSFER, DRILL OR TREPAN AND SLOTTING ATTACHMENT—Parts are transferred after cut off to a drill or trepan, then carried to a saw for slotting. Similar to the transfer and slotting attachment. Saw speed and drill speed can be changed to suit the job.

STPTS 13,000.00

1326-SA

LEFT END THREADING ATTACHMENT—Parts are transferred to this attachment and a self opening die head operated by this attachment enables a thread to be cut. The transfer arm attachment is required with this attachment.

SLETA On Request

1317-75-SA

SPECIAL SUPPORT AND DRILL ATTACHMENT—A part can be supported while the forming or sizing operation is taking place and drilling at the same time or independent of each other

SSADA 1,100.00

5080-382-75-SA

AIR-FEED ATTACHMENT—This will increase the capacity of machine to 1" diameter for light job AIRFD \$6,700.00

OTHER ACCESSORIES

DRILL FOR 3RD POSITION CROSS DRILL ATTACHMENT 30.00

DRILL FOR STRADDLE MILL ATTACHMENT 30.00

DRILL FOR REVINLOC ATTACHMENT—In addition to the attachment an extra hole for the yoke operating rod is required in the stationary head 60.00

DRILL FOR SECOND POSITION THREAD ROLL ATTACHMENT—Extra machining is required to the bed for this attachment 185.00
A special drill jig and tooling are available on a loan basis for this machining for existing machines at no charge.

MILL FOR FLAT GENERATING ATTACHMENT—Extra machining is required to the revolving head cap in order to drive this attachment from the ring gear in the revolving head 115.00

5080-57-1

THIRD POSITION CAM LEVER—2 TO 1 RATIO—The fulcrum point of this lever is lowered from the middle hole to the lowest position to give the 2 to 1 ratio. This decreases the number of hundredths required for pull outs on special drill cams and permits longer turning or drilling. This requires a special fulcrum 130.00

5080-57-2

FIFTH POSITION CAM LEVER—2 TO 1 RATIO—Same description applies from third position 130.00

5080-56-2

FOURTH POSITION CAM LEVER—2½ TO 1 RATIO—The fulcrum point of this lever is lowered from the top hole to the lowest position to give 2½ to 1 ratio 130.00

1389-8-SA 1389-9-1-SA WITH SILENCER

MICRO SWITCH STOP—Mounted on machine. This will shut off the machine when the spindles run out of stock 120.00

Parts Only 95.00

100-14-SA

BALL CHUCKING MECHANISM—This ball equipped chuck closing method has been designed to improve on the performance of and as a replacement for the standard chuck lever mechanism. By virtue of its design, it keeps the work spindle running truer and reduces the wear on the spindle and feed tube bearings. This method will hold the same torque with about 1/2 the chuck closing power. Caution must be exercised not to over chuck with this arrangement.

For factory installation on a new machine in lieu of chuck lever mechanism MBBCM 550.00

For field installation by purchaser to replace existing chuck lever mechanism FIBCM 1,035.00

MBLA-196-SA

AUTOMATIC SHUT OFF ATTACHMENT—This attachment is operated from a micro switch, which can be activated when the spindles run out of stock or by any tool sensing device. The micro switch will then shut off the power to the motor, disengage the starting lever and apply a brake to the hand wheel shaft, simultaneously, thus eliminating tool breakage and down time on the machine. MASOA 2,100.00

Note: This attachment is supplied as standard equipment on a Davenport chucker.

Any oversize part to be loaded will be sensed by the micro switch thus shutting off the machine, eliminating costly smashups and machine down time.

5080-226-5-3-SA

REVERSING BLOCK FOR THREADING ATTACHMENT—Used when work spindles are stopped to change direction of threading spindle for tapping. Illustrated on Page 37 Parts List and Page 33 Instruction Book 275.00

MH-100-27-SA

NEEDLE ROLLER BEARING WORK SPINDLES. (Difference for mounting on machine) 225.00

5157-2-SA

4½" FEED EQUIPMENT—The feed lever block is extended to increase the feed length to 4½". Special Feed Tubes are required with a longer bearing and longer keys. Inner spindles will have to be broached deeper on machines prior to 1971, for the longer key on feed tube. (Standard with Extended Bed Machine) 300.00

E-2816-41-SA

REGULAR CHUCK WRENCH—For regular work and burring spindle collets 130.00

E-2816-45-SA

OVERSIZE CHUCK WRENCH—For oversize work collets 140.00

623-44-SA

LONG TOOL SPINDLE COMPLETE—For Extended Bed Machine 215.00

MB-226-54-17-SA

LONG REVOLVING SPINDLE COMPLETE—For Extended Bed Machine 315.00

623-21-SA		
1-21/32 DIAMETER TOOL SPINDLE WITH 1" HOLE		\$255.00
with an extended front bearing		380.00
MOUNT STOP BLOCK on Revolving Head Cap for 3rd Pos. Thread Roll Attachment		\$35.00
POSITIVE RETURN CAM AND DISC—For broaching spindle, Part print, spindle speed, cycle time and what position broaching in is required		110.00
E-3056-16-SA		
SPECIAL COUNTERSINK AND KNURL HOLDER—This holder is used with the self centering countersink attachment for knurling and countersinking at the same time on parts such as knurled cup point set screws.		On Request
SPECIAL RECESS ATTACHMENT—This attachment can be used in either the 3rd or 4th position. It is operated by two cams, one for moving the recess spindle into position and the other cam for indexing the recess tool into depth. This is a heavy duty attachment and has provisions for the use of cutting oil thru the recess tool itself.		On Request
5080-382-8-SA		
10' SILENT WIRE CASE CARRIER FOR 12' STOCK—SALES ONLY—W/23-SA STAND	SIWIC	950.00
Note: Silent Wire Case Carriers are available for a variety of stock lengths up to 20 Ft.		On Request
5080-636-6-SA		
FEED TUBE LINERS—When using small diameter stock these liners are inserted inside of the feed tube for ease in loading stock.		400.00
5080-410-5-SA		
SILENT WIRE CASE CARRIER LINERS—When using small diameter stock these liners are inserted inside of the silent wire case carrier for ease in loading and also to prevent the material from whipping when revolving.		600.00
1/2-1 SPECIAL THREADING GEARS	5080-226-13-1 & 5080-226-16-3	
When extra revolutions are required for threading this set of gears replaces the standard steel threading method, allowing one half the working revolutions to be used for threading. A standard brass threading cam is then used.		120.00
ECCENTRIC BOXES FOR REVOLVING SPINDLES		
When a part is to be drilled or turned off center this set of eccentric front and rear boxes are used along with the spindle stopping attachment. For prices on this application part prints are required		On Request

SPECIAL ATTACHMENTS

We make many special attachments, some of which are listed below. Prices of these will be given upon application. Please submit a print for estimates.

2nd Position Radial Cross Drill Attachment	
3rd Position Straddle Mill Attachment	
3rd Position Heavy Duty Cross Drill Attachment With Spindle Change Gears	
4th Position Heavy Duty Straddle Mill Attachment	
4th Position Tool Spindle End Mill Attachment	
Special Rebroaching In Burring Spindle	
Special Burr Removing Tool Holder In Burring Spindle	
Special Eccentric Turning Or Drilling Attachment	
Special Cross Drill—To Drill a Series Of Holes In Line	
Special Cross Tap — To Tap a Series Of Holes In Line	
Special 3rd Position Flat Generating Attachment	
Special 1st, 2nd, Or 4th Position Burring Attachment (Also used for revolving support)	
Special Indexing Attachment	Special Angle Mill Attachment
Special Feed Attachments	Special Multi-Cutter Milling Head
Special Deburring Attachment	Special Tool Spindle Cross Drill
Special Hollow Mill Indexing Attachment	Special Taper Turn Attachment
Special Swaging Attachment	Special Crimping Attachment
Special Support and Punch	Special Recessing Attachment
Special Burnishing Attachments	Special Indenting Attachment
Special Hobbing Attachments	Special Stamping Attachment

The Davenport SILENCER 2

SILENCER WITH COVER FOR 12 FOOT STOCK — When shipped separately from machine	MBSH	\$4,950.00
Mounted on machine		5,250.00
Painting Silencer Special Color		100.00

Silencer covers for standard and special wire case carriers are available. Silencers are also available in versions for front loading and end loading chucks. De-misters and conversions for external parts chutes and for external cutting fluid lines are available for both bar and chucker Silencers. Prices on application.